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\*LIMITED TO MATTERS  
AND PROCEEDINGS BEFORE  
FEDERAL COURTS & AGENCIES  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

January 14, 2002

**WRITER'S DIRECT NUMBER:**

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**GROUP ART UNIT: 2611**

**Confirmation No.: 3008**

Commissioner for Patents  
Washington, D.C. 20231

**RECEIVED**

**JAN 18 2002**

**Technology Center 2600**

Re: U.S. Utility Patent Application  
Appl. No. 09/785,020; Filed: February 15, 2001  
For: **Voice Architecture for Transmission over a Shared, Contention Based  
Medium**  
Inventor: Gummalla *et al.*  
Our Ref: 1875.0470001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Revocation of Prior Power of Attorney and Appointment of New Attorneys of Record;
2. Power of Attorney from Assignee;
3. Certificate Under 37 C.F.R. § 3.73(b) with copy of Assignment attached; and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
January 14, 2002  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in cursive script, reading "Molly A. McCall".

Molly A. McCall  
Attorney for Applicants  
Registration No. 46,126

MQL/MAM/tc  
Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

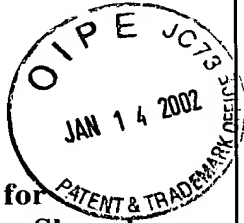
In re application of:

Gummalla *et al.*

Appl. No. 09/785,020

Filed: February 15, 2001

For: **Voice Architecture for  
Transmission Over a Shared,  
Contention Based Medium**



Confirmation No. (to be assigned)

Art Unit: (to be assigned)

Examiner: (to be assigned)

Atty. Docket: 1875.0470001

**Revocation of Prior Power of Attorney and Appointment of New  
Attorneys of Record**

Commissioner for Patents  
Washington, D.C. 20231

**RECEIVED**

**JAN 18 2002**

**Technology Center 2600**

Sir:

The undersigned, having express authority to represent **Broadcom Corporation**, the assignee of the entire right, title, and interest in the above-captioned application, by assignment filed at the U.S. Patent and Trademark Office on **August 13, 2001** (copy enclosed), hereby revokes all powers of attorney heretofore given in the above-captioned application and appoints as his attorneys Robert Greene Sterne, Registration No. 28,912; Edward J. Kessler, Registration No. 25,688; Jorge A. Goldstein, Registration No. 29,021; Samuel L. Fox, Registration No. 30,353; David K.S. Cornwell, Registration No. 31,944; Robert W. Esmond, Registration No. 32,893; Tracy-Gene G. Durkin, Registration No. 32,831; Michele A. Cimbala, Registration No. 33,851; Michael B. Ray, Registration No. 33,997; Robert E. Sokohl, Registration No. 36,013; Eric K. Steffe, Registration No. 36,688; Michael Q. Lee, Registration No. 35,239; Steven R. Ludwig, Registration No. 36,203; John M. Covert, Registration No. 38,759; and Linda E. Alcorn, Registration No. 39,588, with full

power of substitution, association, and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

The undersigned hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send all correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934.

Direct telephone calls to (202) 371-2600.

On behalf of **Broadcom Corporation**:

FOR: *Broadcom Corporation*

SIGNATURE:

*[Handwritten Signature]*

BY: *William J Ruehle*

TITLE: *Vice President Chief Financial Officer*

DATE: *September 19, 2001*

## POWER OF ATTORNEY FROM ASSIGNEE

Broadcom Corporation, a corporation of California, having a principal place of business at 16215 Alton Parkway, Irvine, California 92618-3616, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on (1) March 6, 2001 and (2) March 6, 2001 of an invention known as Voice Architecture for Transmission Over a Shared, Contention Based Medium (Attorney Docket No. 1875.0470001), which is disclosed and claimed in a patent application of the same title by the inventors (1) Ajay Chandra V. Gummalla and (2) Dolors Sala (said application filed on February 15, 2001 at the U.S. Patent and Trademark Office, having Application Number 09/785,020).

The Assignee hereby appoints the following U.S. attorneys to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688; Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; and Linda E. Alcorn, Esq., Reg. No. 39,588. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
U.S.A.

Direct phone calls to 202-371-2600.

FOR: Broadcom Corporation  
SIGNATURE: [Signature]  
BY: William J Ruehle  
TITLE: Vice President Chief Financial Officer  
DATE: September 19, 2001

## Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: Gummalla et al.

Application No./Patent No.: 09/785,020 Filed/Issue Date: February 15, 2001

Entitled: Voice Architecture for Transmission Over a Shared, Contention Based Medium

Broadcom Corporation

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: September 19, 2001

Name: William J Ruehle

Title: Vice President Chief Financial Officer

Signature: [Signature]

**ASSIGNMENT**

**WHEREAS, WE, Ajay Chandra V. Gummalla and Dolores Sala**, residing at Atlanta, Georgia, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **VOICE ARCHITECTURE FOR TRANSMISSION OVER A SHARED, CONTENTION BASED MEDIUM**, and executed by us on even date herewith;

**AND WHEREAS BROADCOM CORPORATION**, a California corporation, having a place of business at 16215 Alton Parkway, Irvine, California 92618-3616 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

**AND WE HEREBY** covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

**AND WE HEREBY** further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

**IN TESTIMONY WHEREOF**, I hereunto set my hand this 06 day of March, 2001.

Ajay Chandra V. Gummalla  
Ajay Chandra V. Gummalla

ASSIGNMENT  
Docket No. 40672/LTR/B600

Joint

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IN TESTIMONY WHEREOF, I hereunto set my hand this 6 day of March, 20 01.

  
\_\_\_\_\_  
Dolores Sala

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